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(54) CONDENSATION DEVICE USING HOLLOW YARN MEMBRANE

(57) Abstract:

PURPOSE: To provide a condensation device in which a condensation room to be simply sealed and released is constituted and a condensation membrane inserted in the inside can be easily regenerated and exchanged.

CONSTITUTION: Casing-like frame bodies 3 are arranged in parallel movably on a pair of horizontal rods, and a hollow yarn membrane module A arranged with many hollow yarn membranes on the circumstance of an air diffusing pipe 4 is inserted into a hollow part of these frame bodies 3, and on the other hand, a take-out path of a filtrate communicated with the hollow part of the hollow yarn membrane, a feed path of high pressure air communicated with an air diffusing pipe 11, and a feed path for bubbling air having an opening

toward a bundle of the hollow yarn membrane are provided in the frame body 3. The condensation room can be opened and closed by moving the frame body 3 and the hollow yarn membranes can be easily washed and exchanged.

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